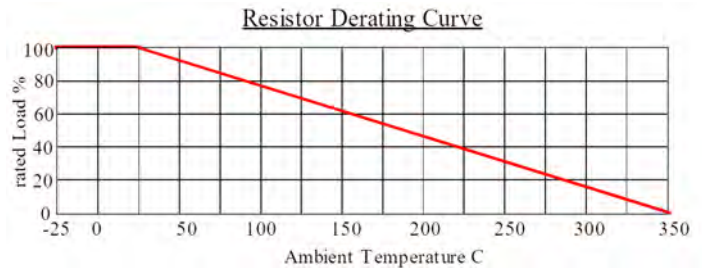


## Vitreous Enamel Power Resistors – DVR series

This series of resistors is suitable as loading application, more stable, withstand humidity and higher temperature

- Support pulse current requirement
- Low Inductance version is available
- Compact sizes
- Withstand harsh working conditions
- Mounting fixture is available like DDR-F series
- Adjustable version is available DVSR
- Support pulse current applications
- Support multi tab terminals

We support other resistance value that not listed above.



### DVR - Vitreous Enamel Power Resistors

Rated Power	Dimensions in mm		Resistance Range ohm	
	Length	Diameter	DVR	Resistance adjustable DVSR
8W	35 +/- 1.5	14 +/- 2	5.1 - 3.3k	-
10W	41 +/- 1.5		5.1 - 3.3k	5.1 - 200
16W	51 +/- 2	17 +/- 2	5.1 - 3.3k	5.1 - 220
20W	51 +/- 2		5.1 - 4k	10 - 430
25W	51 +/- 2	21 +/- 2.5	10 - 4k	10 - 510
30W	71 +/- 2.5		10 - 5k	10 - 1k
40W	87 +/- 2.5		20 - 7.5k	20 - 1.2k
50W	91 +/- 2.5		20 - 10k	20 - 1.5k
80W	140 +/- 3.5		24 - 12k	24 - 2k
100W	170 +/- 3.5	29 +/- 3	24 - 15k	24 - 2.7k
150W	215 +/- 4		20 - 30k	20 - 4.3k
200W	215 +/- 4		4.7 - 12k	5.1 - 3k
300W	266 +/- 4	36 +/- 2	4.7 - 12k	5.1 - 3k
400W	250 +/- 4	54 +/- 2	5.1 - 10k	6.2 - 3k
500W	300 +/- 4		5.1 - 10k	6.2 - 3k

### Electrical Characteristics :

Testing	Testing Conditions	Testing Results
Resistance Tolerance	JIS-C-5202 5-1 testing voltage<3V 25C	+/-5%, +/-10%
Temperature Coefficient	+/- 250ppm/C max.	
Short Time Overload	10*rated power in 5 seconds	$\Delta R \leq +/- (2\%R_o + 0.05 \text{ ohm})$
Surface temperature	$\leq 350C$	At maximum rated power

### Part Number :

#### Series

DVR : normal

DVR-F : with mounting fixture

DVSR : resistance adjustable

DVSR-F : resistance adjustable with mounting fixture

DQVR : Waved Ribbon Power Resistor : up to 1000W : resistor size refer to DQR-F series

DDVR : Wire Wound Power Resistor : up to 1000W : resistor size refer to DDR-F series

DVRN : low inductance

DVRN-F : low inductance with mounting fixture